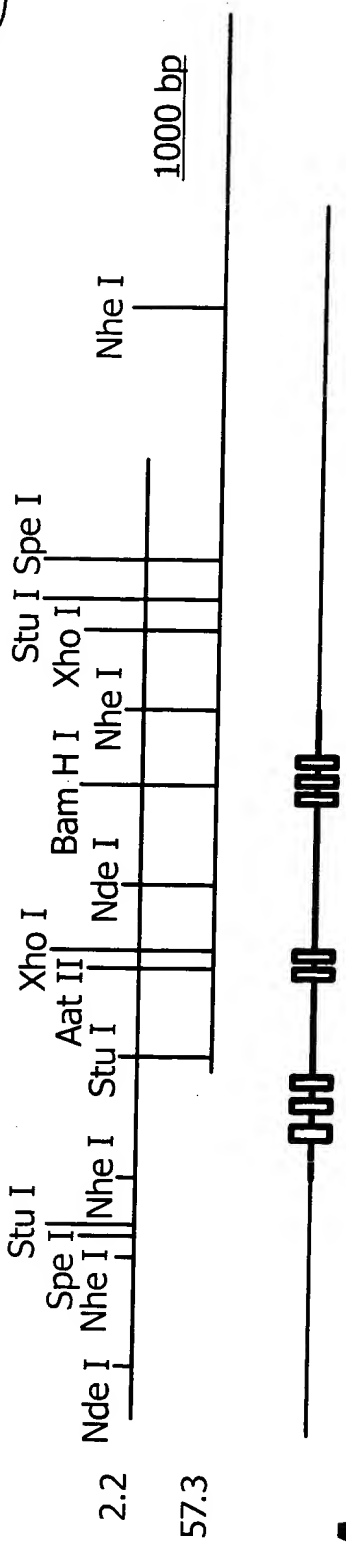

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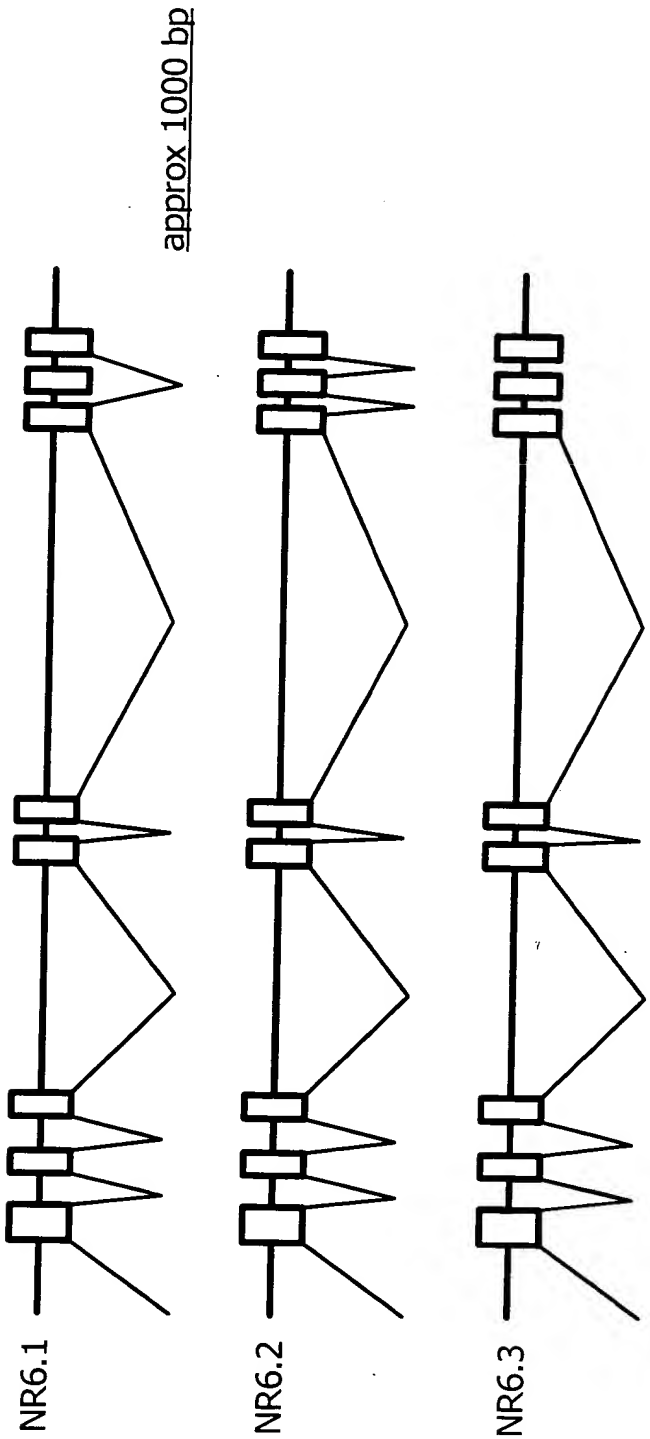

Fig. 1B

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Fig. 2(1)

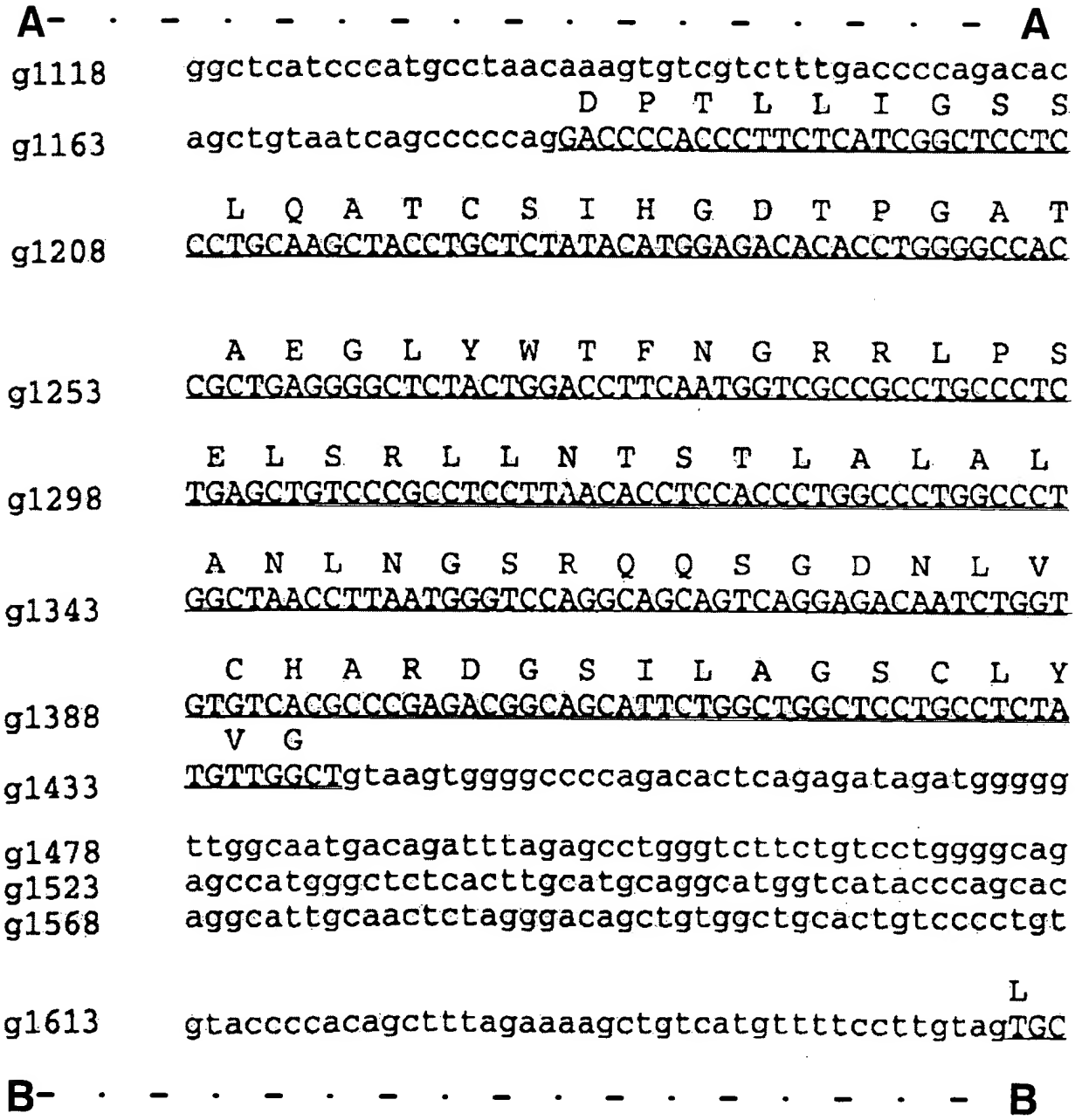
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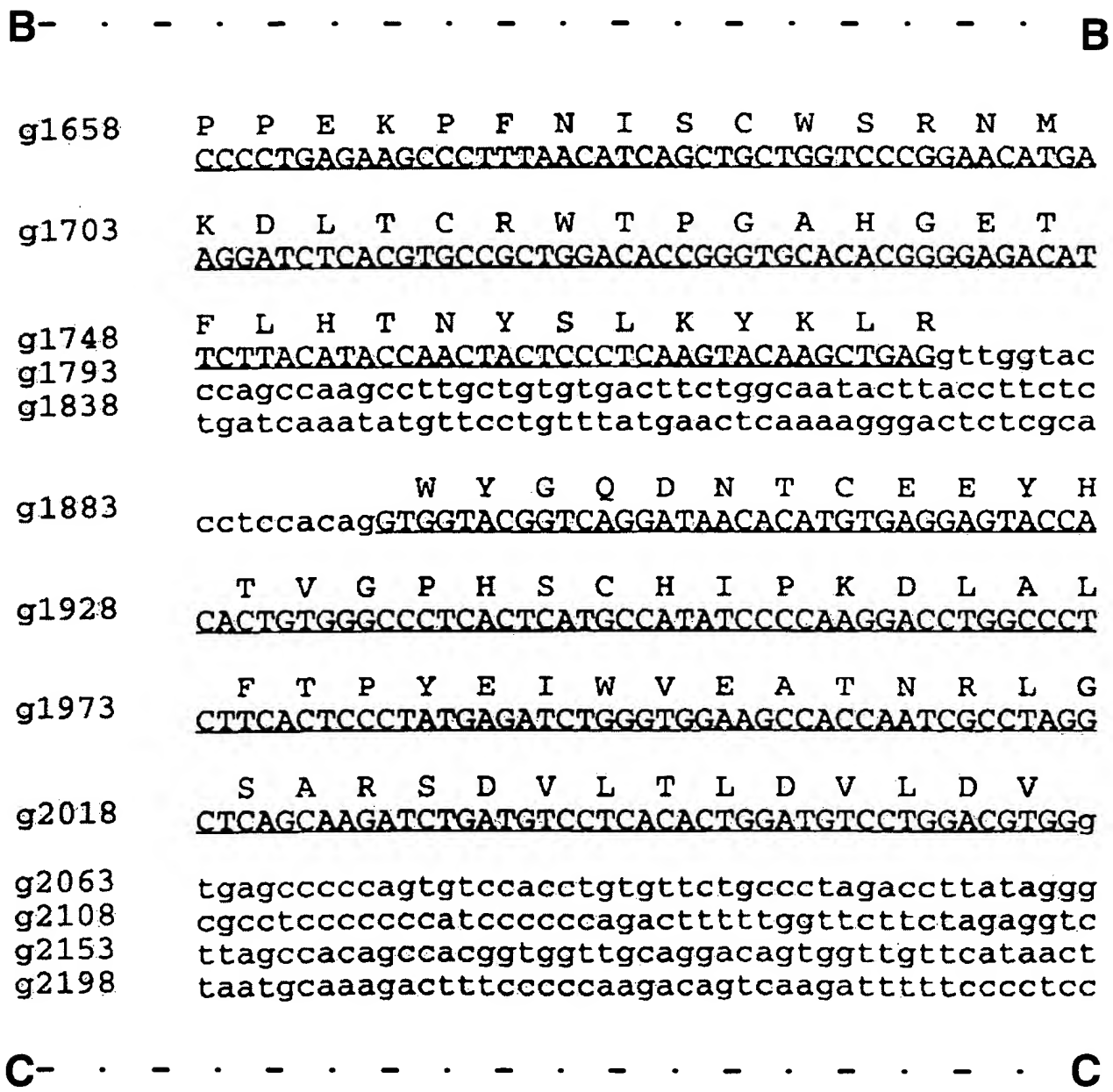
Fig. 2(2)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C

Fig. 2(3)

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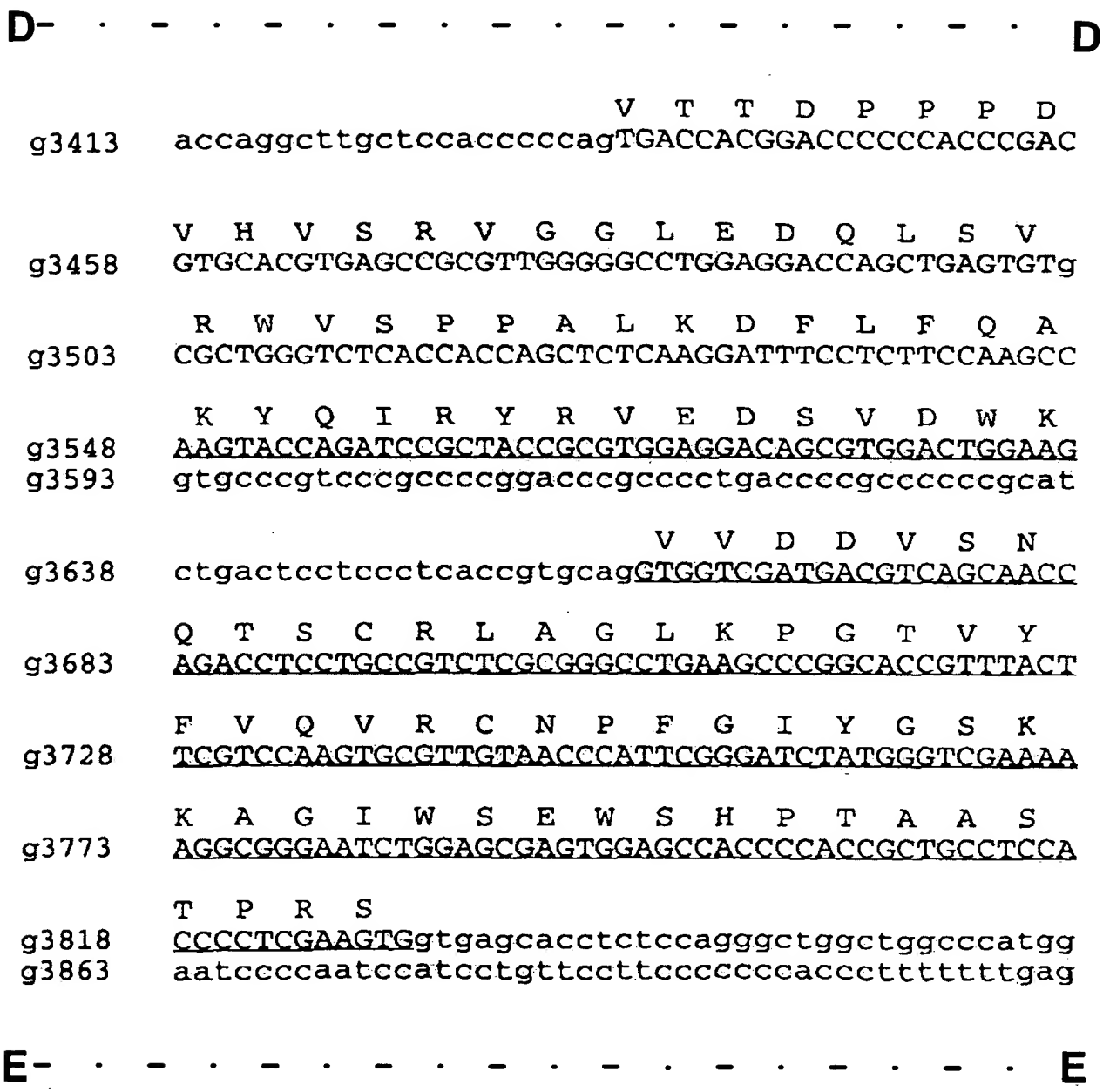
Fig. 2(4)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E- E

Fig. 2(5)

E- E

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Fig. 2(6)

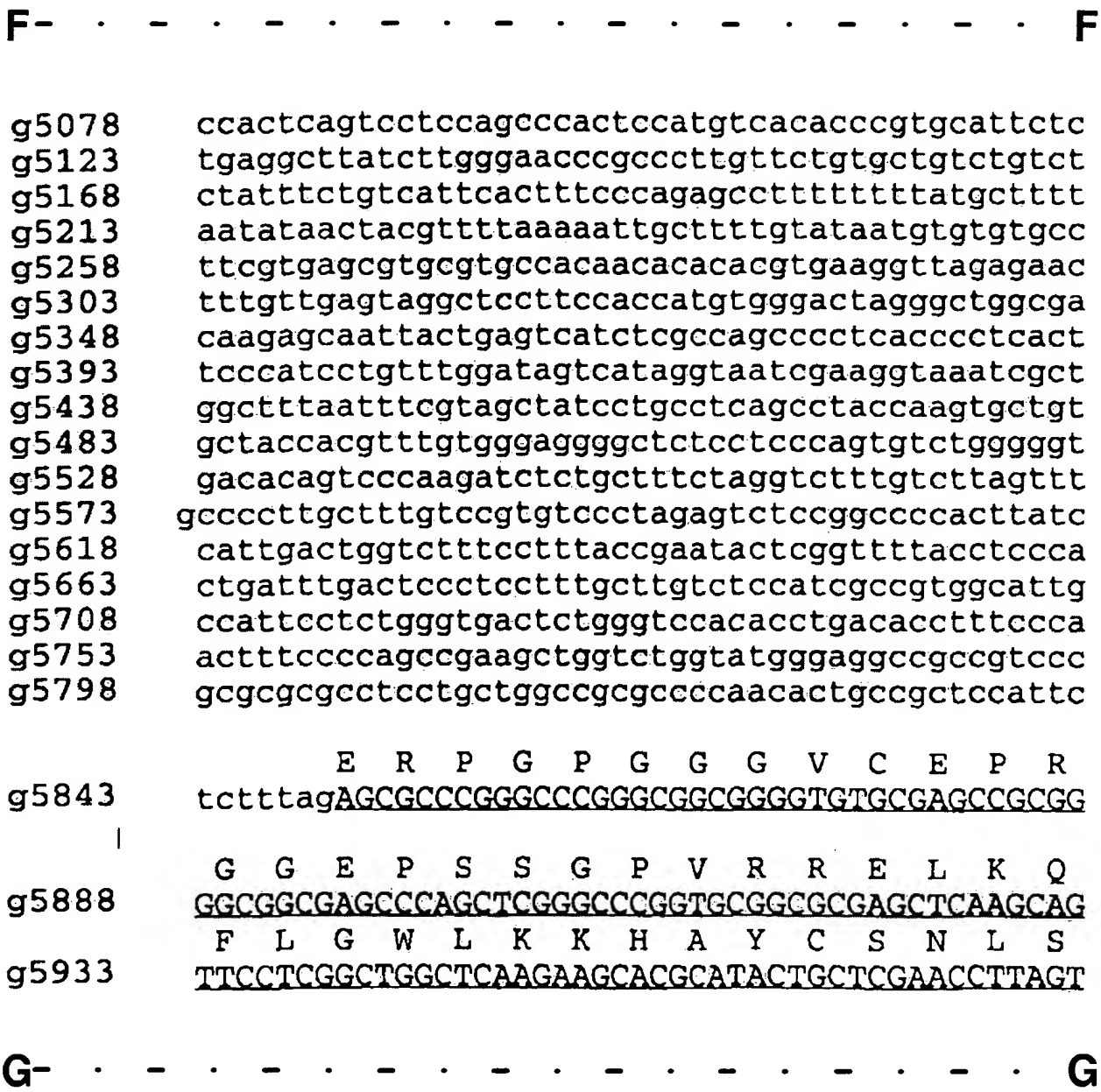
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Fig. 2(7)

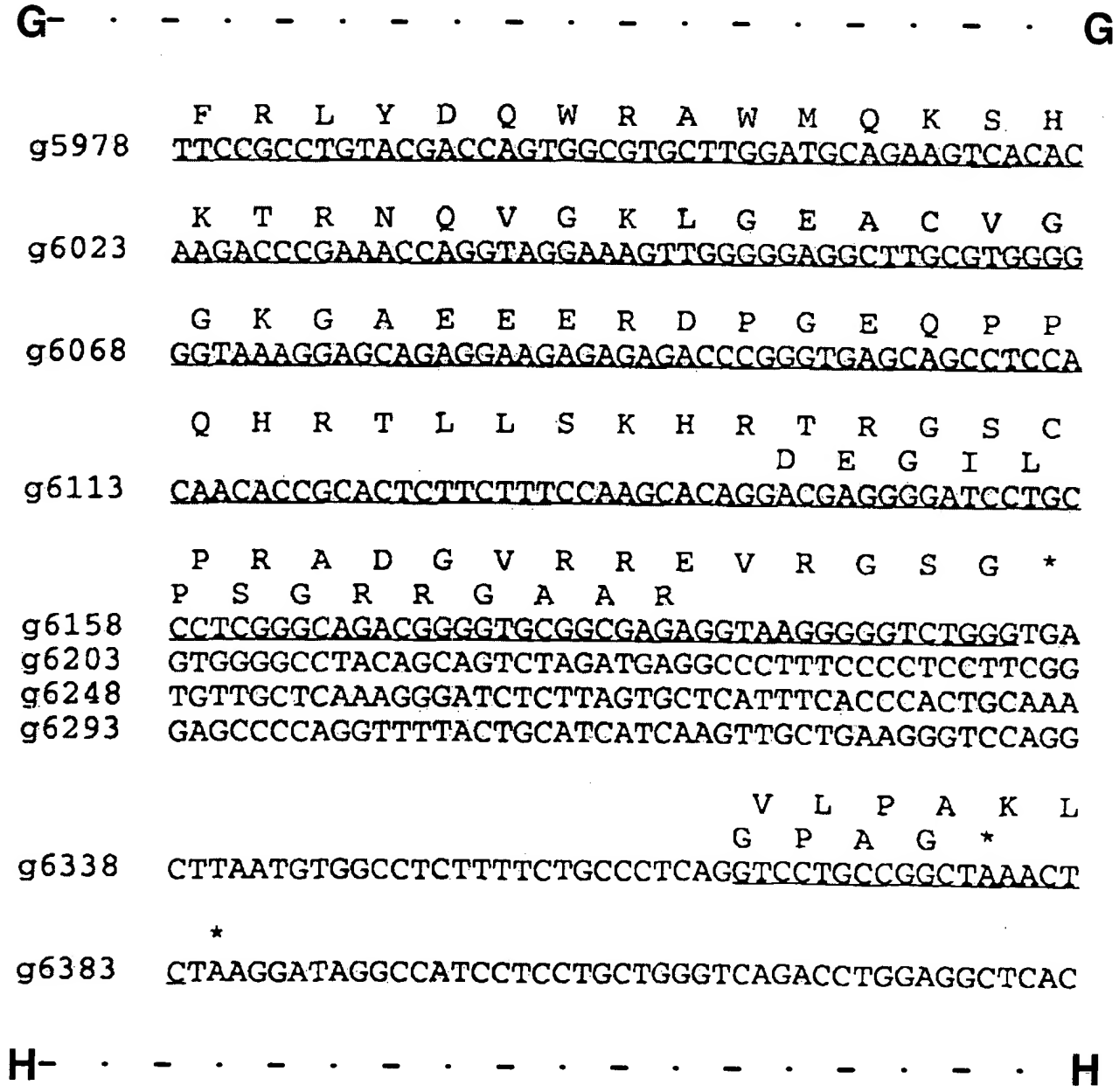
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Fig. 2(8)

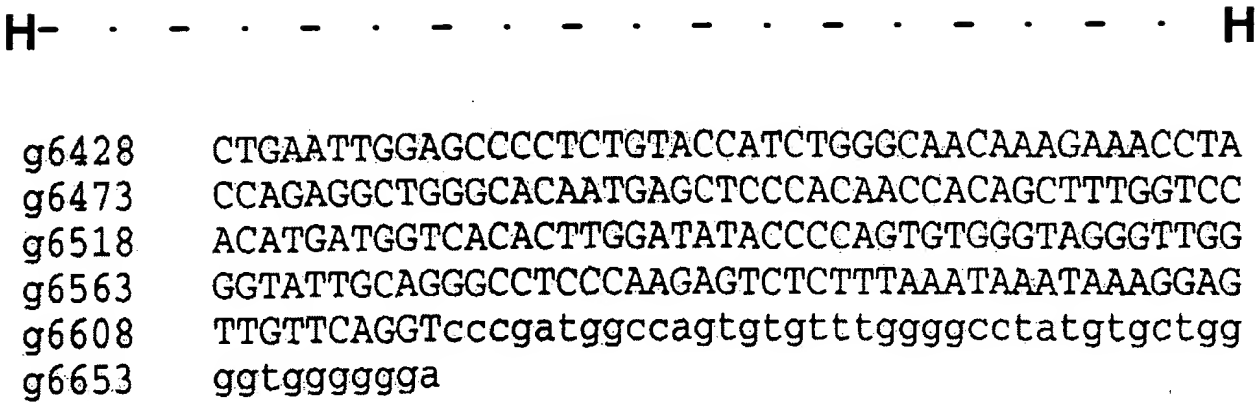
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Fig. 2(9)

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A

Fig. 3(1)

A

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B

Fig. 3(2)

B

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C

Fig. 3(3)

C

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D

Fig. 3(4)

D

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ACACACACAC ACACACACAC ACACACACAC ACACACACAC ACACACAGAC ACGCACACAC    2160

ACACGCACGC ACACACACGC ACGCCCGCAC TCGTGGTCCC ACATTTATTT CACAGGGGAG    2220

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E

Fig. 3(5)

E

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F

Fig. 3(6)

F

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G

Fig. 3(7)

G

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H

Fig. 3(8)

GGGCATGAAG GACCGTCCAG GGCTGCAGTT TAGCTTCTTA ATAGGAACCT GGGGGTGGGT	3780
GCAGCCTCTG TTCTCCGAGC CTCTTTGGAA ATCGGTTTTG TTTTTGTTTT TGTTTTTTCC	3840
AATACTCTTT TCCTCTCATC CCATCCCGGG ACTGTTTTCC TCCCTAAGGG TTGAGAGCCC	3900
TGCAGTCTTC CCTAACCTTT TCTTTGCTTC TACCCCAGGG CCTTTGCACA TGGAGTCCCA	3960
CCTCTCCCCT TGCCCAACTG GGGCTCCAGC CTTACTGCAT TTGGCTCTTG GTAACTGTCC	4020
CAGGGCCTCT CTGACACACA GGGTTGTAGC CCCAGCTCCC TCTCTTCTCC TCCCCCCTTT	4080
CTCTTTTGCT TCTGAGACTT AATTTTTTTC TTTTTCTTTT TGGCTTTTTG AGACAGGGTT	4140
TCTCTGTACA GCCCTGGCTG CCCTGGCACT CATTCTGTAG ACCAGGCTAG CCTCAAACTC	4200

Fig. 3(9)

ACAAACCTAC CTGCCTCTGC CTTTCCAGTG CTGGCACTAA AGATGTGGGC CACCACAACT 4260

AGTAGTTAAG TGTTTTGCTG TGTCTTTATT CCTATAGTGA CCTCAGTTCC TGGCATATTG 4320

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CTTGAATCGT CCTGAGTGAA AAAAGAGACC TCAGAGAACT GAATGGAGTT AGGTTCCCAG 4440

GGCAGCCTGG CCTGCTGGTC TCATGGGAGC TCCCTGTGAA ACTTCCCCCA CACCTCCCAC 4500

CACCCTGCCA TCCTGTGTGG CTGACAAGAA AGGCCAATGG CCAGATGGGG ACACAGACTC 4560

AGGGAAGCTT GGAATATGTT CCCCTCCTCA TATCCTAGGC CTTGTTGTCC CCCTGAGGGC 4620

CCAGCCTATG AGTAGGGCAG CTGTGGGCTG CCCTAAGGTT GGGTAGGCAA GAAGGGGGTG 4680

Fig. 3(10)

J

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GTCCCTCAGG GTGGGTCACA GGATTGAGGT CATTTCCAAA GTGGCCATCA CAGTGGCCCT    4740

AGGAAATGAT TGTGGAGAGT CAGAACTCCT GTTGGGAGTT GTAGAGGGCC TTGCATGTGG    4800

GCTTCTGTGG CTGTCCCTTC TCTTGTGGTC CTTTGCACAG TCCCCTCGTG TGTGCTGGGA    4860

TGTGAGGAGG GCACGGGGAA AATGAAGGCT CAGCCCCTCA GCTTGCCCTT CACGGTTCAC    4920

CCAACAGGGC TCACCTCTCC TCTGGACAGG CTCTCACTGT ATGCACAGAT TGGCCTCACA    4980

TTTGATTCCC TTCCTTTGGT CTCCTGGGAT GACAAACATT TACCAGGGTA GGATTTTACA    5040

TTTTAGATAT GTCCATTCTC CAGAAACACA CTTGTGAGGT TAGGGTATCA GTGAAAGGAC    5100

ACCACCAGGA CAGACAAAGA ATTGGAGAGG AAGGAAATTG GTAAGCCAGG CCATGCTTGA    5160
```

K

Fig. 3(11)

K

TGGCTTATGT GTAATCCCAG AACTCTGGAC GCTGAGGCAG GAGGATTCCA AGTTTCAAGA 5220

CAGTGTGTTC TAGGTAATGA GACCCTGTCA AGAAAAGAAA AGAAATAAAG AGACAAGAAA 5280

ATGTTTATAG GCTGTGAGAC AGCTTGGTGG GTAAGGGGCA CTTGCCTCCA ATCAAGATGA 5340

CCTCAGCCCC ATCCCTAGGA ATCCATGGTA GAAGGAGAAA GCAAACTCCA GCTGCTGACC 5400

TCCATACATG TGCTCCAATG TGCACACACA CAGGGAGACA TAATCAATTA ATAGGATGTA 5460

TTTGCTTAGA TTTGAGTAGG CATTTATGAC TGATGTTTTA AAATTTTTAT TTGATTTTAT 5520

GAAAATATAC CTGTTTGTAT TTGGTTTGGT TTGGTTTGAG TTTTGTTTAT TTGAGACAGG 5580

GCTTCTCTGT GTAGTCCTGG CTGTCCTTGG AACTCACTCT GTAGACCAGG CTGGCCTTGA 5640

L

Fig. 3(12)

L

```
ACTCAGAAAT CCGCCTGCTT GTGCTTCCCA AGTGCTTAGA TTAAAGGTGT GCACTGCCAT   5700

TCAGCAAAAT TGCATACTTT AACCCCAGTA TTTGGGAGGC AGAGGCAGAC TAATGTGTGA   5760

ATTCCAGGCT AGCCAAGGAT ACAGAGTGAG ACCCTATTCT TACCCTCCCC CCCCAAAACC   5820

CCAAAATGTA TTTTGTGCTT GTGTATGTAC ATGTGTGTTG CAGCACGTAA ATGTCCAAGG   5880

ACAACTTGTA GAAGTTCTCT CCGTTCACAG TCTAAGTCCT GAATTCAAAC TAAGGTCCTC   5940

AGGCTTAGCC ACAGTCTTCT TTATGTACTG AGCCATTTCA CTGGCCCTGG ATTGACTGAT   6000

GAATTAATTT TTGAGATAAG GTCTCTTGTA GCTCTAGCTA GGCTCAAACT ATGAACTCCC   6060

AAGGTCATCT TGAGCTGCTG GTACTCTTGC TTCCACCCCA AGTGGTGGAA TGATACTCAG   6120
```

M

Fig. 3(13)

I M

GCAGCACTTC TCTGGGGAAG GGGCTGGCCT TGGCCTTGAT TTTGTTGCCT CAGCTTCAAT 6180

GAGTGCTTGG GTCTCGTTGT TTCTTTTCTT TATCTGTGAA ATGGGTGAAC ACCTGTTCAA 6240

GACTTCCTGA CTCTTGAAAC ATCCAGGCAG GGTGAGGGAC TTGAAGTGGG CTCATCCCAT 6300

GCCTAACAAA GTGTCGTCTT TGACCCCAGA CACAGCTGTA ATCAGCCCCC AGGACCCCAC 6360

CCTTCTCATC GGCTCCTCCC TGCAAGCTAC CTGCTCTATA CATGGAGACA CACCTGGGGC 6420

CACCGCTGAG GGGCTCTACT GGACCTTCAA TGGTCGCCGC CTGCCCTCTG AGCTGTCCCG 6480

CCTCCTTAAC ACCTCCACCC TGGCCCTGGC CCTGGCTAAC CTTAATGGGT CCAGGCAGCA 6540

GTCAGGAGAC AATCTGGTGT GTCACGCCCG AGACGGCAGC ATTCTGGCTG GCTCCTGCCT 6600

N

Fig. 3(14)

NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES ENCODING SAME
Douglas J. Hilton, et al.
U.S. Serial No. 09/037,657
REPLACEMENT SHEET

N

CTATGTTGGC TGTAAGTGGG GCCCCAGACA CTCAGAGATA GATGGGGGTT GGCAATGACA	6660
GATTTAGAGC CTGGGTCTTC TGTCCTGGGG CAGAGCCATG GGCTCTCACT TGCATGCAGG	6720
CATGGTCATA CCCAGCACAG GCATTGCAAC TCTAGGGACA GCTGTGGCTG CACTGTCCCC	6780
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TACCCAGCCA AGCCTTGCTG TGTGACTTCT GGCAATACTT ACCTTCTCTG ATCAAATATG	7020
TTCCTGTTTA TGAACTCAAA AGGGACTCTC GCACCTCCAC AGGTGGTACG GTCAGGATAA	7080

O

Fig. 3(15)

O

```
CACATGTGAG GAGTACCACA CTGTGGGCCC TCACTCATGC CATATCCCCA AGGACCTGGC    7140

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TGATGTCCTC ACACTGGATG TCCTGGACGT GGGTGAGCCC CCAGTGTCCA CCTGTGTTCT    7260

GCCCTAGACC TTATAGGGCG CCTCCCCCCC ATCCCCCCAG ACTTTTTGGT TCTTCTAGAG    7320

GTCTTAGCCA CAGCCACGGT GGTTGCAGGA CAGTGGTTGT TCATAACTTA ATGCAAAGAC    7380

TTTCCCCCAA GACAGTCAAG ATTTTCCCCT CCCCACCCCC AACACACACA TACACACACA    7440

CTCTGCAGAG AACACCTGGC CTGACCACCC TCCCTCTCTA CAGCCCAGGT GTTCAGAAGG    7500

GAGTCCTAGG GGACTGAGAG GAGGCGCCCA GGTCTGAAGG CGCCCCAGGA AGCCGAGGCC    7560
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P

Fig. 3(16)

P

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GTGCCTCACT GAAGACTCAG GGGAGAGATC AGCTTGTACT CTCTCCATGG TCCCCCAGGA 7740

GGGTTCCTGG GTGCCCCTGG CTCATTCCCA CATCCAGAGG TTTTGTGTCT TCCTGGCATC 7800

AACCCTCAG TTGTGCTCTG TGGCTGGCAC AGCTGCCCCG TGGAGGCTCT TGGTAATGTA 7860

AAGGCATCA GAGGTGGACA TGGGATGGGG ATACATAGGG ATGGAGCCAA ATAGCACCTC 7920

AGGTGGGGT GATATACAAT AAAGCTTGTC ACCCTGACGC TCAGAAAGCC TACTCATGAT 7980

ATCACAATT GTTGACATCA CTCTGGGACA TGTAGTGAGA CCCTAGCTCA AAACACAGAC 8040

Q

Fig. 3(17)

Q

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GTGATGCTCG CCTCACTCCC TGTTTAGTGA GATCTCTGCG CTAATCTCCA CCCCAGCTGG    8160

GTGGGCTGCT CTGTCCCCTT GAGGGCAGGA ATGTGTGTCT TCCATCAGAG ATAGGACCCG    8220

TGGTAGCAGC AACTGCTGCT GGCTGTTTCT GGAATATTAA ATGACAGTAA TCTATCAGGC    8280

CTGGGTGAGT AGCTAACAGG GGTGGGGGCG TGGTCTGGAA AACGCAGATA GGGTCATAGG    8340

AGCCACTGCA GCCTAGATTA CACCACTGGG TGTTCTGTCA CTAGGCCATT CTCACCAAGC    8400

AGTCCTCAGA ACTGGGAGCA CTGTTGCCAG CATTTAATGC CAGCATTTAA TGCCAGCATT    8460

AGGGGAGGCA GAGGCAGAAG GATCTCTCTG AGTTCAAGGC CATCCTGAAT TTACATAAAG    8520
```

R

Fig. 3(18)

R

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AGCTCCAGGC CAGCCAGGGT GCGCAGTAAA ACCTTGTCTC AAAAAACAAA GCATCTTTAG    8580

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GCGTTGGGGG CCTGGAGGAC CAGCTGAGTG TGCGCTGGGT CTCACCACCA GCTCTCAAGG    8700

ATTTCCTCTT CCAAGCCAAG TACCAGATCC GCTACCGCGT GGAGGACAGC GTGGACTGGA    8760

AGGTGCCCGT CCCGCCCCGG ACCCGCCCCT GACCCCGCCC CCCGCATCTG ACTCCTCCCT    8820

CACCGTGCAG GTGGTGGATG ACGTCAGCAA CCAGACCTCC TGCCGTCTCG CGGGCCTGAA    8880

CCCCGGCACC GTTTACTTCG TCCAAGTGCG TTGTAACCCA TTCGGGATCT ATGGGTCGAA    8940

AAGGCGGGA ATCTGGAGCG AGTGGAGCCA CCCCACCGCT GCCTCCACCC CTCGAAGTGG    9000
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S

Fig. 3(19)

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TAGTCAAGGA TGACCTCGAG CTCCTGGTCT TTTTGTCTCC ACTTAGAGAC AATGGCCAGT   9180

GGCCATCACC ACCTTTGGGA GACTAGCCAT GGAGTCTATT TAGCCTGTCA TTTGGTGACA   9240

GATGGAGTAC AACAGTGTGA CCTCTTGTAA GAGAACTGAA GACAGGCTGT TTTTAACCCC   9300

AATATCCTAG GCTCTCTAGA GGTTAACTTT ATATAAAATA GAGACTATTA CAGCCAGTTA   9360

TCACATGGTC CCACAGAACC TTTTGTCACA CAACCTATAG ACCACAGTGC CTGTGCCTAC   9420

CACATAAGGG TCTCTACTGC TGGCCCACCC CTCCAACCCT TAAAAGGTAA CCTAGGCAGC   9480
```

Fig. 3(20)

T

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CTTAATATTT GCAATCCTCC TACCTCAGCC TCTTGAATGC TCAGAAACCA GGCATTAACC   9540

CAAGTTTCTC TTCTCTGGGT CCCTTTCTTA AGGTGGGAGG GCCTAAAGAT GACTTCCTTT   9600

GTCCTGAAGA CTCTCCGAGC CCATGGATCT GCACTCTCTA ATATGAAATA TATTGCATAA   9660

AATGTCTGGC CTCAGTTTCC CCACCTGTCA GGTTTAGGCA GCACAGTCGG TCCAAGACAC   9720

TTCATTATTT GCAGGCAGTA TAAGAAGAAG CTCCCATCCC CCACCCGCTT CCTCCGGTCC   9780

CTAAGACAGA ATACTTCTAC ACTGAAACTG AACTCTCGCA GACGCATATG CTCACTTTAA   9840

TGATGATGAA ATAATGGGGA AACTGAGGCT CCGAGAGATT CCTGGAGGAA GAGGGTCAAA   9900

ACCAGCTCCA GGAAGCTCTC CAGCCCCCAT CCGGGCCTCT CCAGGTTCTG GGCTTGGCGG   9960
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U

Fig. 3(21)

U

GAGTGAACAC AGCTGGGAGG GGCTGGAGCC TGGGAGCTTT GGCCCTTGCT CGTGCCCAGC 10020

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CCGGGGGTAG GGTTGGAGGG AGGTAAGCAG GGGCTGTGGG GGCCGAAGCT TGTGCCAGGG 10140

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AGCCCACTC CATGTCACAC CCGTGCATTC TCTGAGGCTT ATCTTGGGAA CCCGCCCTTG 10320

TCTGTGCTG TCTGTCTCTA TTTCTGTCAT TCACTTTCCC AGAGCCTTTT TTTTATGCTT 10380

TAATATAAC TACGTTTTAA AAATTGCTTT TGTATAATGT GTGTGCCTTC GTGAGCGTGC 10440

V

Fig. 3(22)

V

```
GTGCCACAAC ACACACGTGA AGGTTAGAGA ACTTTGTTGA GTAGGCTCCT TCCACCATGT   10500

GGGACTAGGG CTGGCGACAA GAGCAATTAC TGAGTCATCT CGCCAGCCCC TCACCCCTCA   10560

CTTCCCATCC TGTTTGGATA GTCATAGGTA ATCGAAGGTA AATCGCTGGC TTTAATTTCG   10620

TAGCTATCCT GCCTCAGCCT ACCAAGTGCT GTGCTACCAC GTTTGTGGGA GGGGCTCTCC   10680

TCCCAGTGTC TGGGGGTACA CAGTCCCAAG ATCTCTGCTT TCTAGGTCTT TGTCTTAGTT   10740

TGCCCCTTGC TTTGTCCGTG TCCCTAGAGT CTCCGGCCCC ACTTAGTCTC CATTGATTTC   10800

CTTTCTGACC GAATACTCGG TTTTACCTCC CACTGATTTG ACTCCCTCCT TTGCTTGTCT   10860

CCATCGCCGT GGCATTGCCA TTCCTCTGGG TGACTCTGGG TCCACACCTG ACACCTTTCC   10920
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W

Fig. 3(23)

W

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CACAACACCG CACTCTTCTT TCCAAGCACA GGACGAGGGG ATCCTGCCCT CGGGCAGACG 11340

GGGTGCGGCG AGAGGTAAGG GGGTCTGGGT GAGTGGGGCC TACAGCAGTC TAGATGAGGC 11400

X

Fig. 3(24)

X

```
CCTTTCCCCT CCTTCGGTGT TGCTCAAAGG GATCTCTTAG TGCTCATTTC ACCCACTGCA   11460

AAGAGCCCCA GGTTTTACTG CATCATCAAG TTGCTGAAGG GTCCAGGCTT AATGTGGCCT   11520

CTTTTCTGCC CTCAGGTCCT GCCGGCTAAA CTCTAAGGAT AGGCCATCCT CCTGCTGGGT   11580

CAGACCTGGA GGCTCACCTG AATTGGAGCC CCTCTGTACC ATCTGGGCAA CAAAGAAACC   11640

TACCAGAGGC TGGGCACAAT GAGCTCCCAC AACCACAGCT TTGGTCCACA TGATGGTCAC   11700

ACTTGGATAT ACCCCAGTGT GGGTAGGGTT GGGGTATTGC AGGGCCTCCC AAGAGTCTCT   11760

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Fig. 3(25)

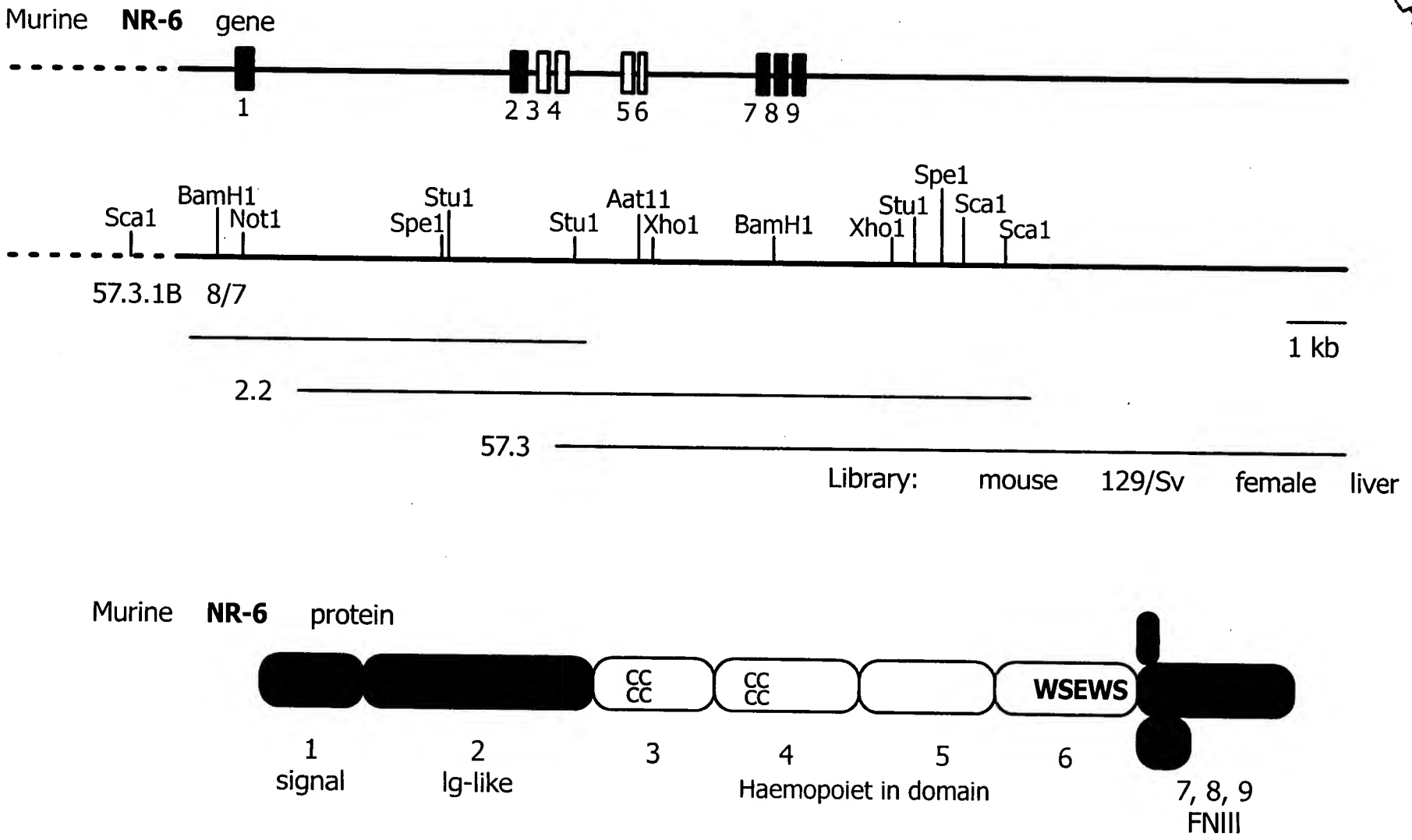

Fig. 4

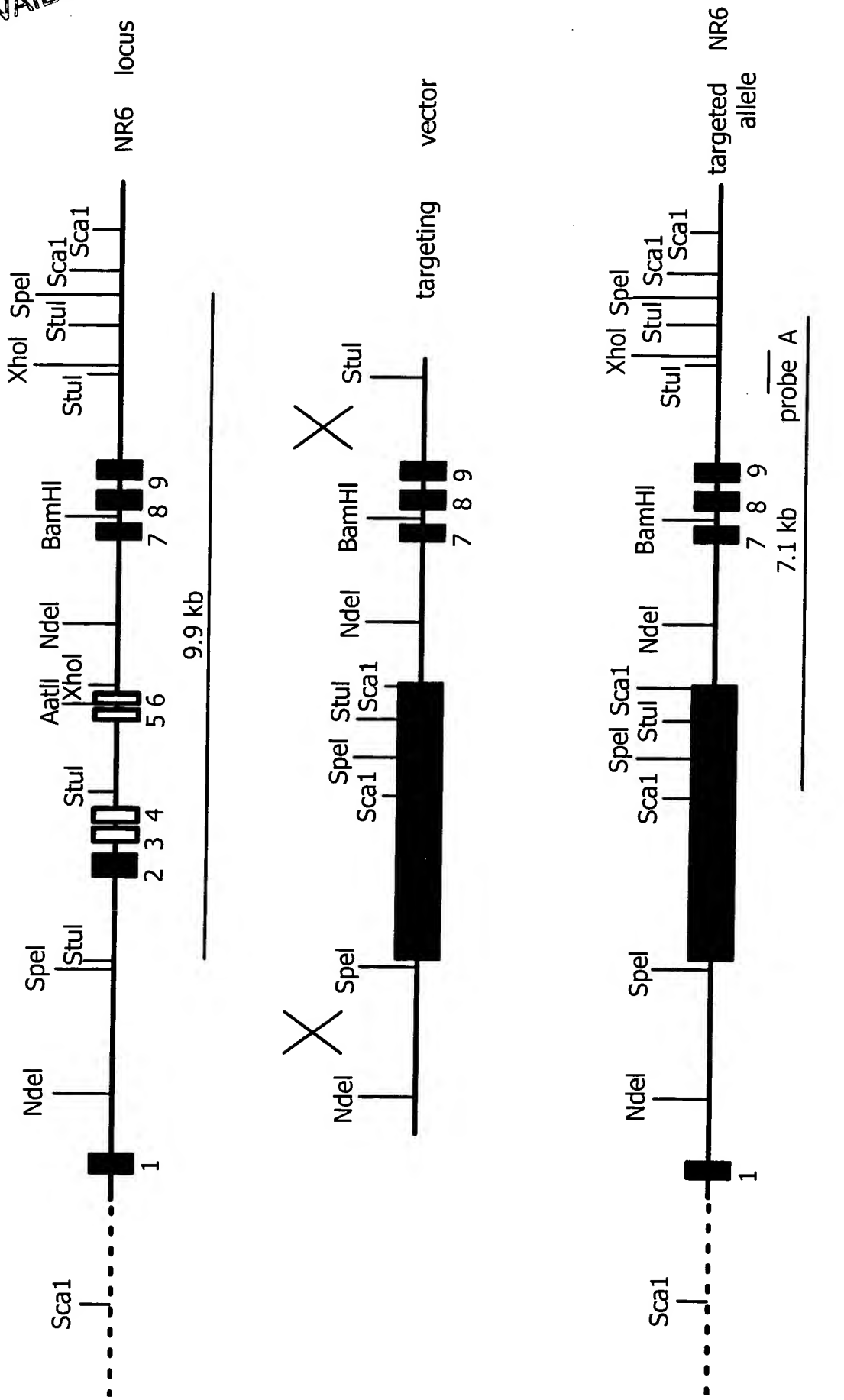

Fig. 5

Fig. 6(1)

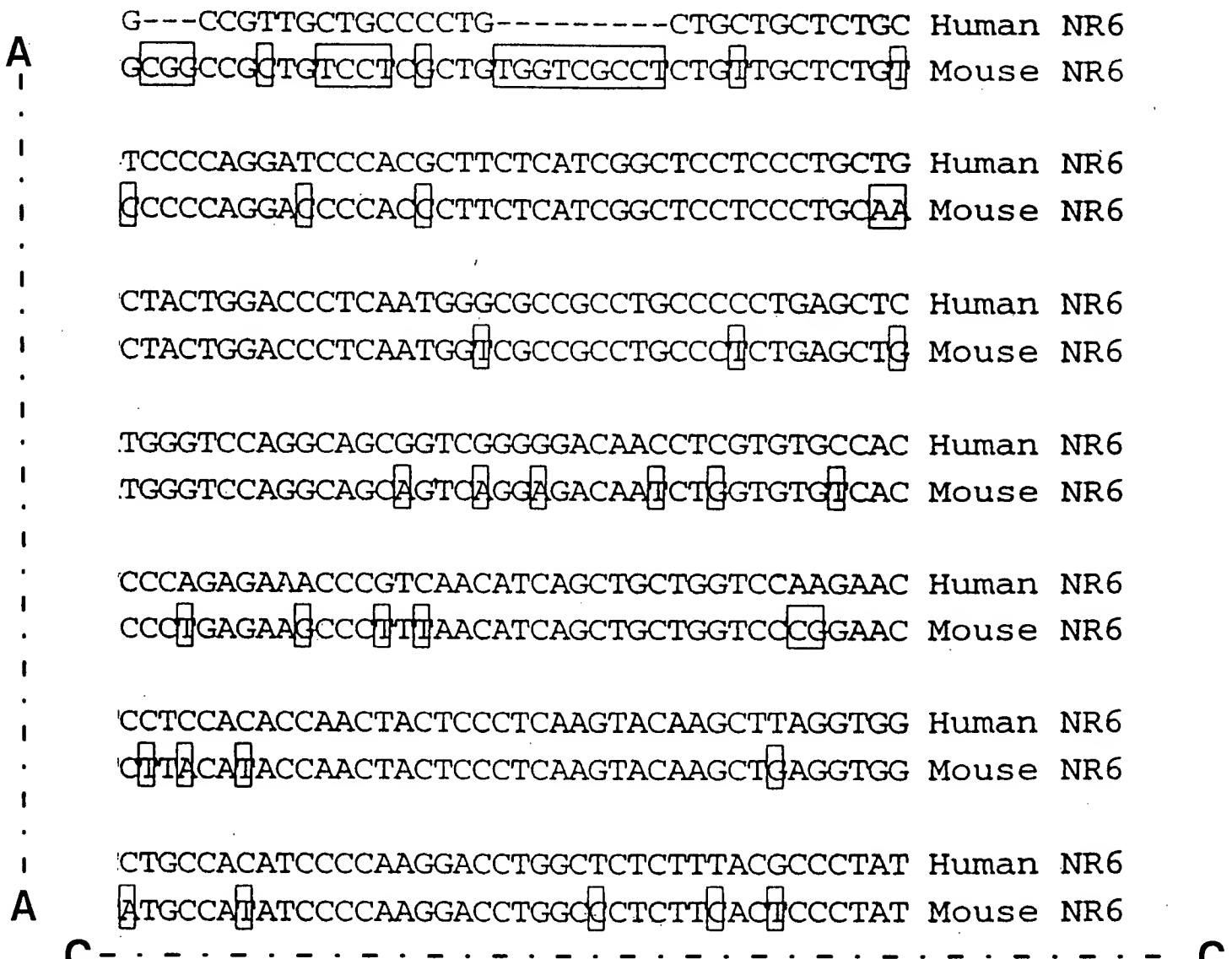
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Fig. 6(2)

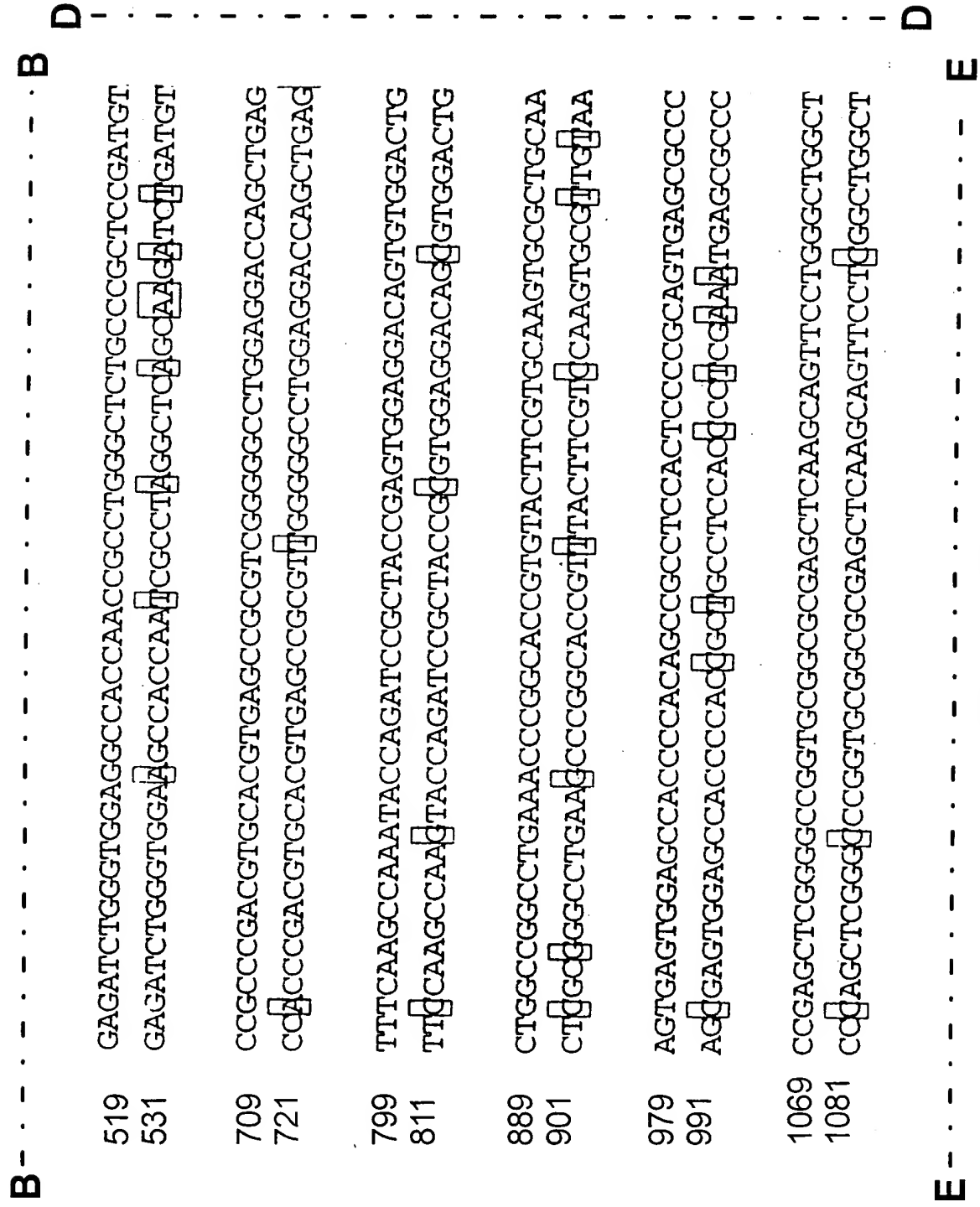
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Fig. 6(3)

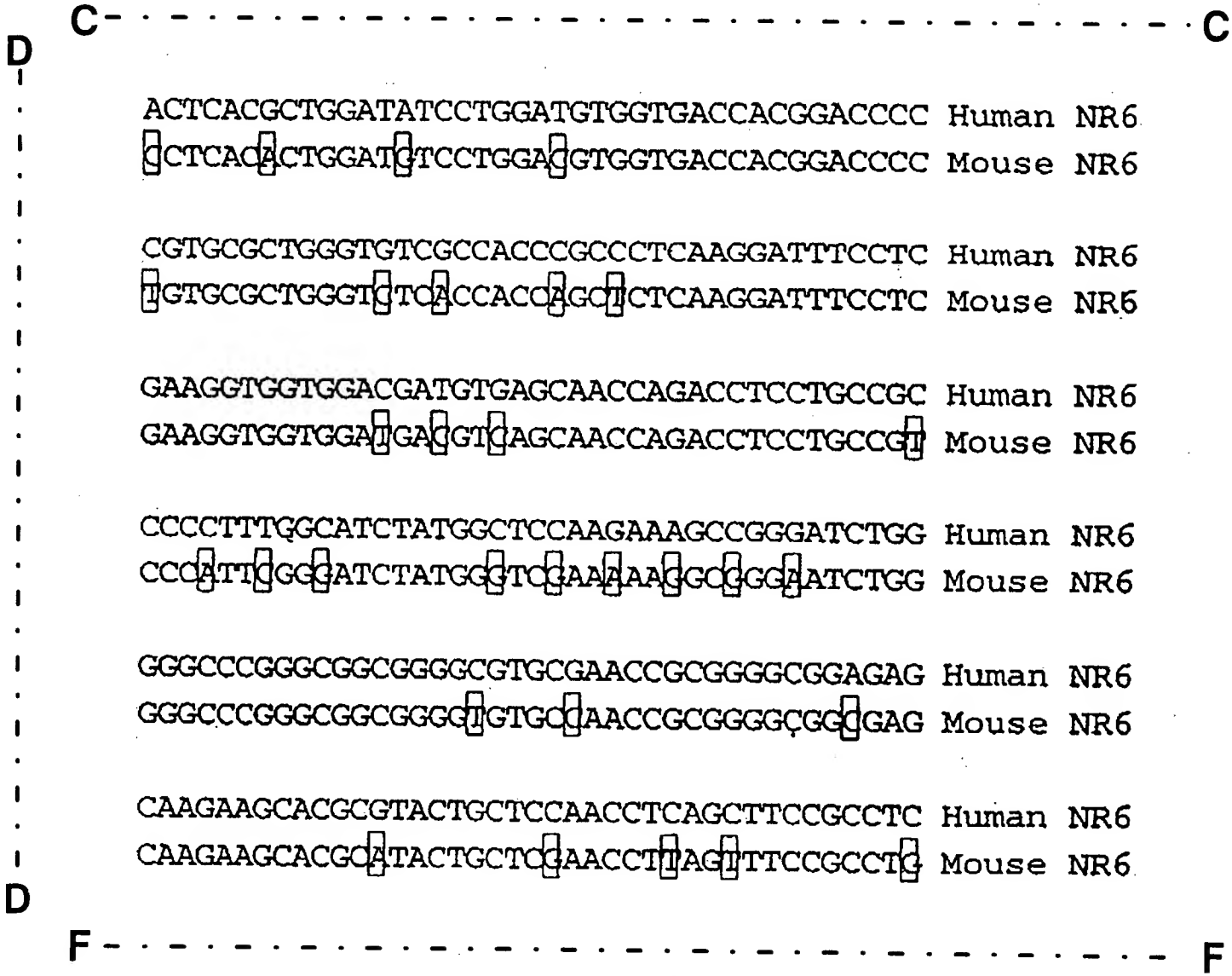
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Fig. 6(4)

Fig. 6(5)

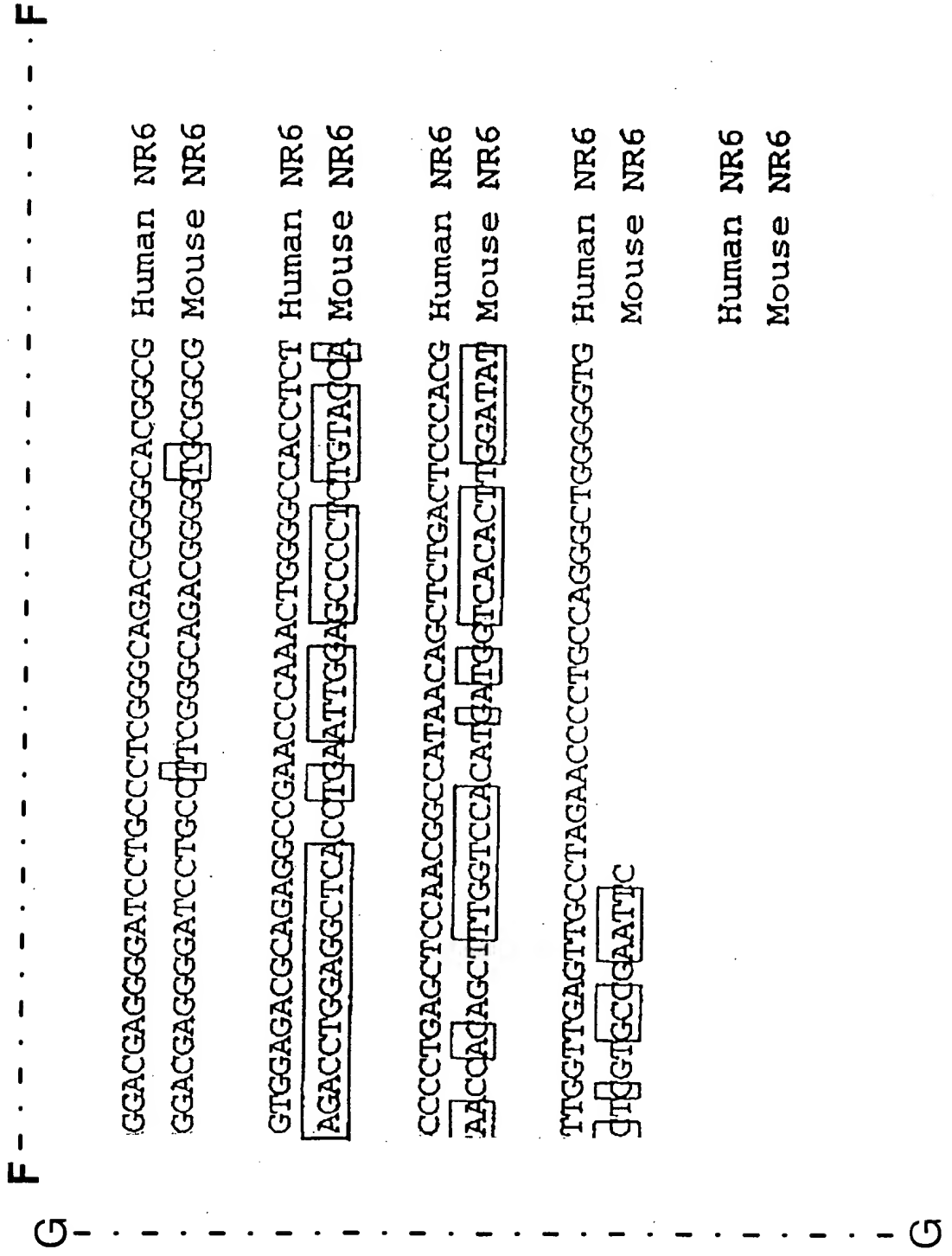
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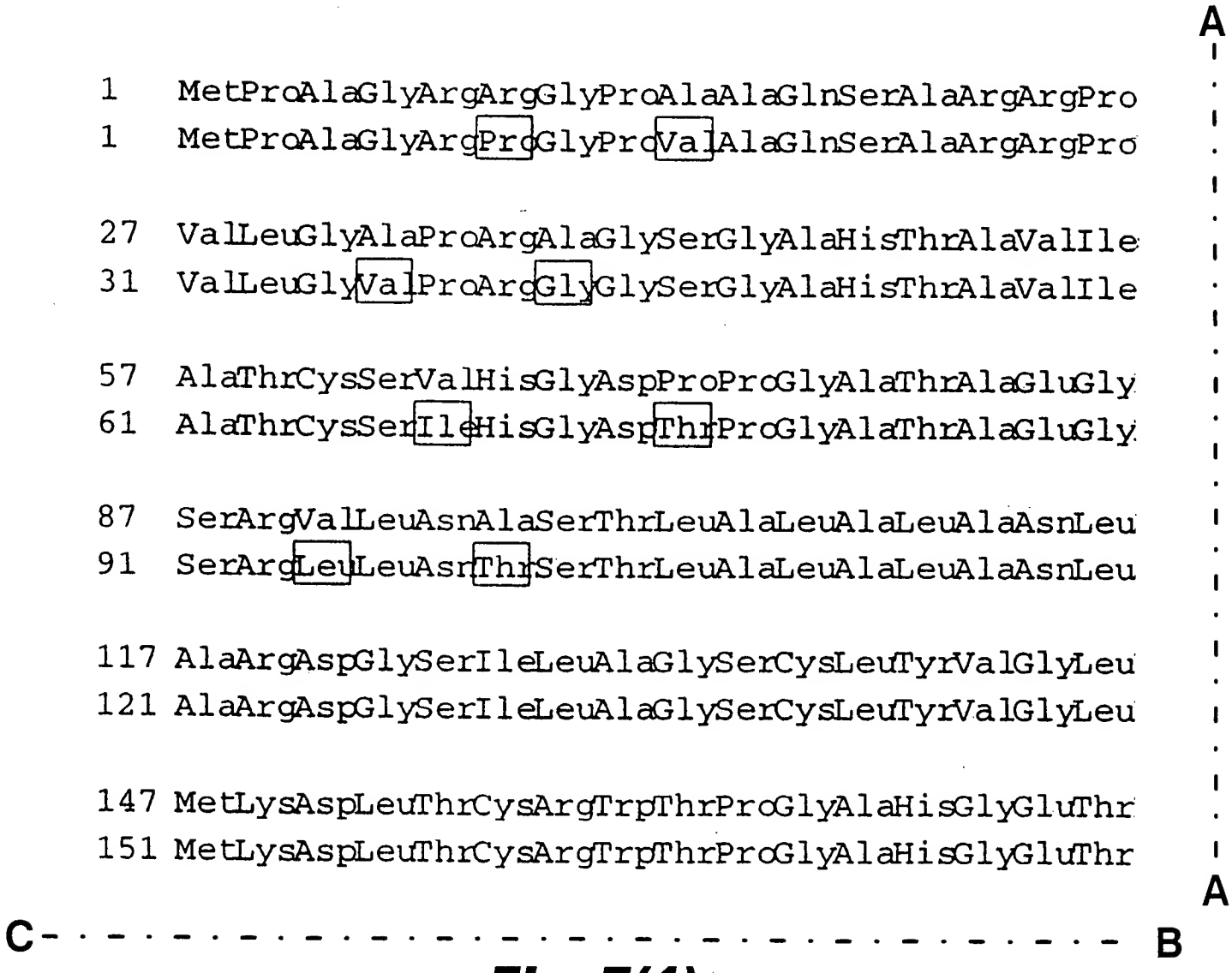
Fig. 6(6)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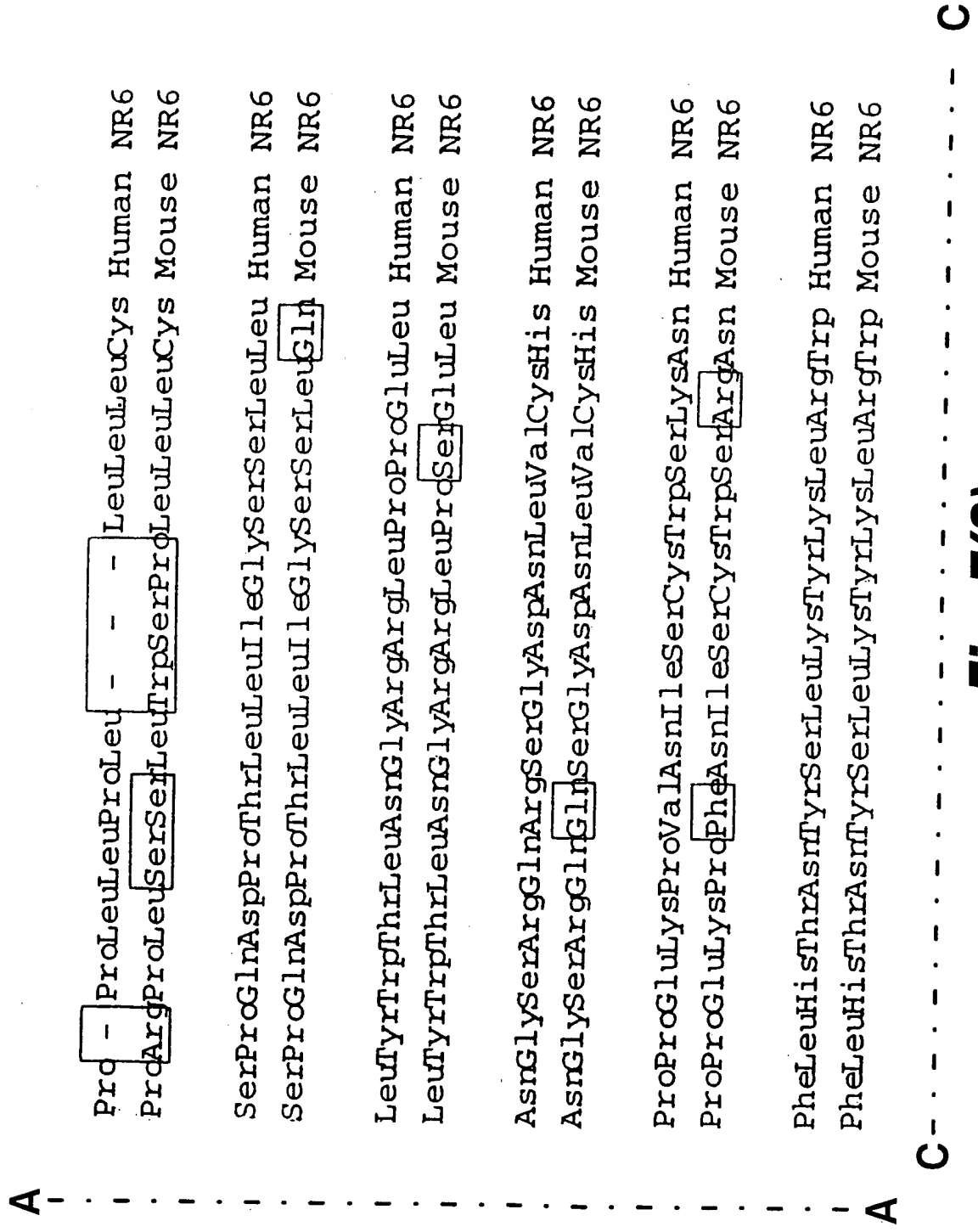
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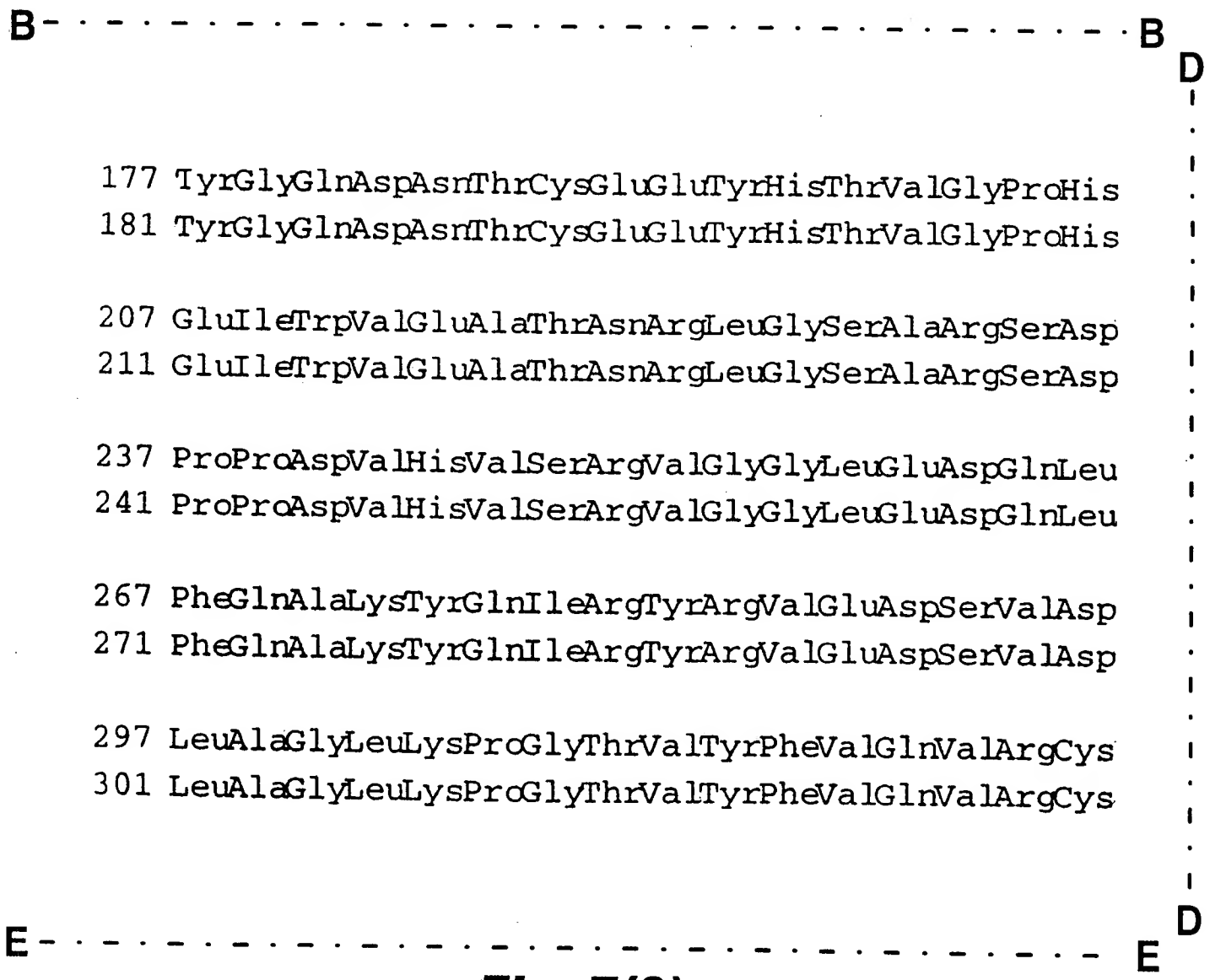
Fig. 7(2)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D
E
E

Fig. 7(3)


B
B
D
D
E
E
SerCysHisIleProLysAspLeuAlaLeuPheThrProTyr Human NR6
SerCysHisIleProLysAspLeuAlaLeuPheThrProTyr Mouse NR6
ValLeuThrLeuAspIleLeuAspValValThrThrAspPro Human NR6
ValLeuThrLeuAspValLeuAspValValThrThrAspPro Mouse NR6
SerValArgTrpValSerProProAlaLeuLysAspPheLeu Human NR6
SerValArgTrpValSerProProAlaLeuLysAspPheLeu Mouse NR6
TrpLysValValAspAspValSerAsnGlnThrSerCysArg Human NR6
TrpLysValValAspAspValSerAsnGlnThrSerCysArg Mouse NR6
AsnProPheGlyIleTyrGlySerLysLysAlaGlyIleTrp Human NR6
AsnProPheGlyIleTyrGlySerLysLysAlaGlyIleTrp Mouse NR6

Fig. 7(4)

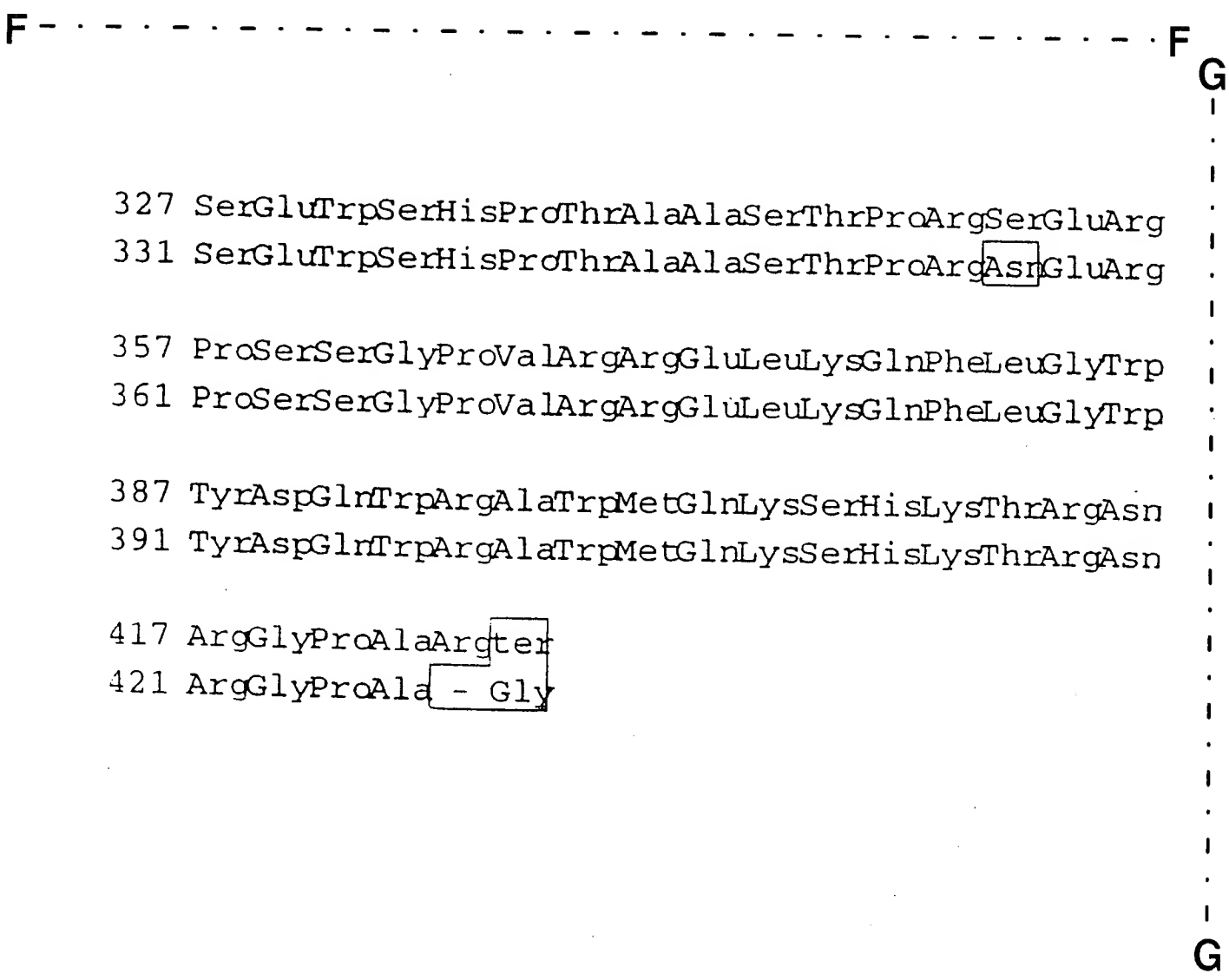

F
F
G
G
327 SerGluTrpSerHisProThrAlaAlaSerThrProArgSerGluArg
331 SerGluTrpSerHisProThrAlaAlaSerThrProArgAsnGluArg
357 ProSerSerGlyProValArgArgGluLeuLysGlnPheLeuGlyTrp
361 ProSerSerGlyProValArgArgGluLeuLysGlnPheLeuGlyTrp
387 TyrAspGlnTrpArgAlaTrpMetGlnLysSerHisLysThrArgAsn
391 TyrAspGlnTrpArgAlaTrpMetGlnLysSerHisLysThrArgAsn
417 ArgGlyProAlaArgter
421 ArgGlyProAla - Gly

Fig. 7(5)

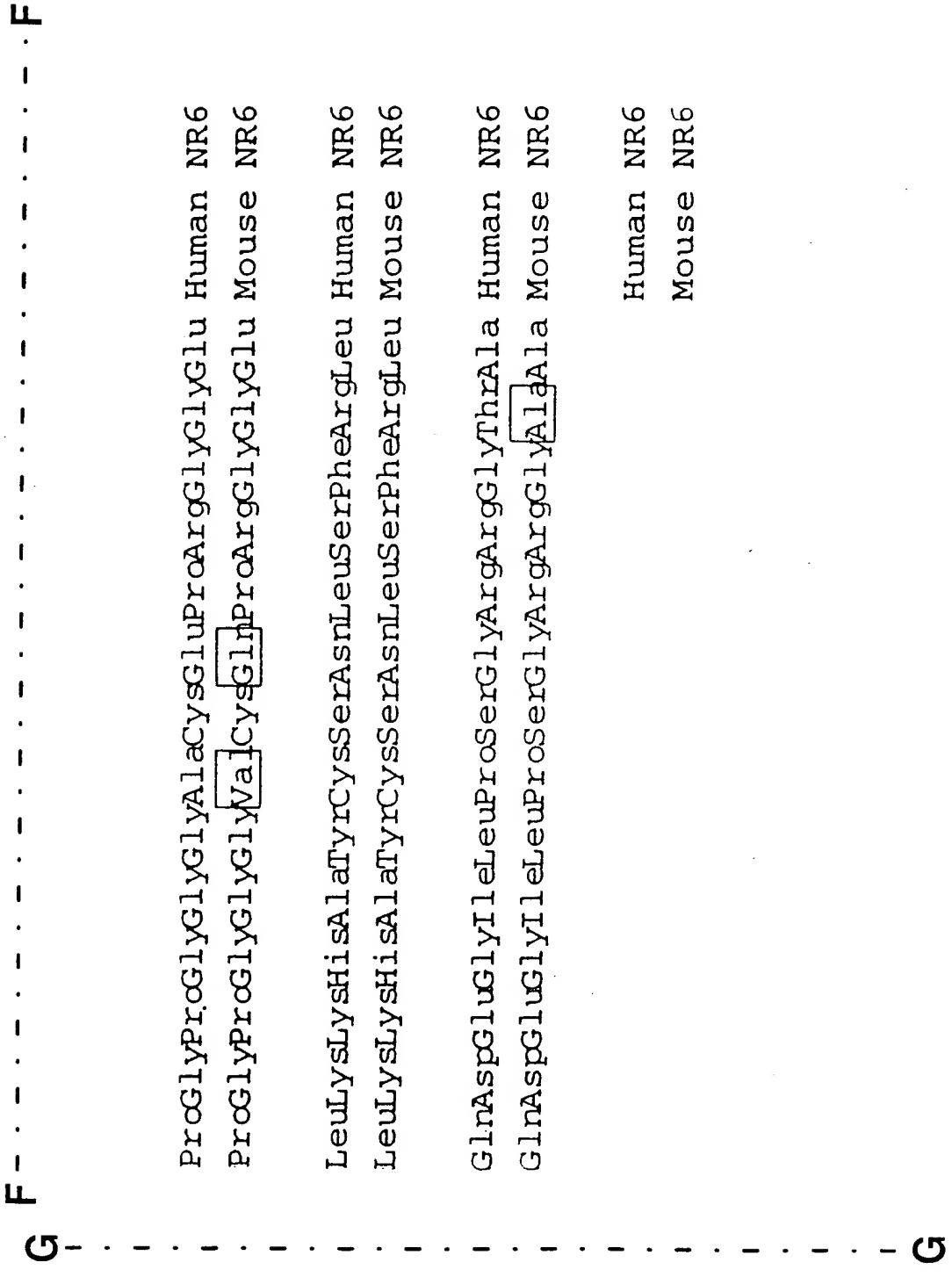

F
G
ProGlyProGlyGlyAlaCysGluProArgGlyGlyGlu Human NR6
ProGlyProGlyGlyValCysGlnProArgGlyGlyGlu Mouse NR6
LeuLysLysHisAlaTyrCysSerAsnLeuSerPheArgLeu Human NR6
LeuLysLysHisAlaTyrCysSerAsnLeuSerPheArgLeu Mouse NR6
GlnAspGluGlyIleLeuProSerGlyArgArgGlyThrAla Human NR6
GlnAspGluGlyIleLeuProSerGlyArgArgGlyAlaAla Mouse NR6
Human NR6
Mouse NR6

Fig. 7(6)

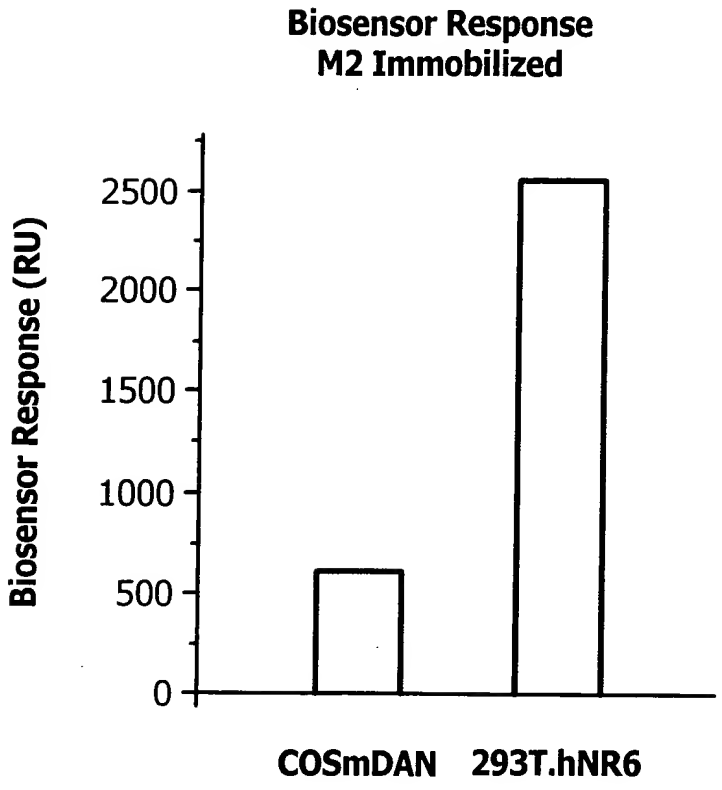
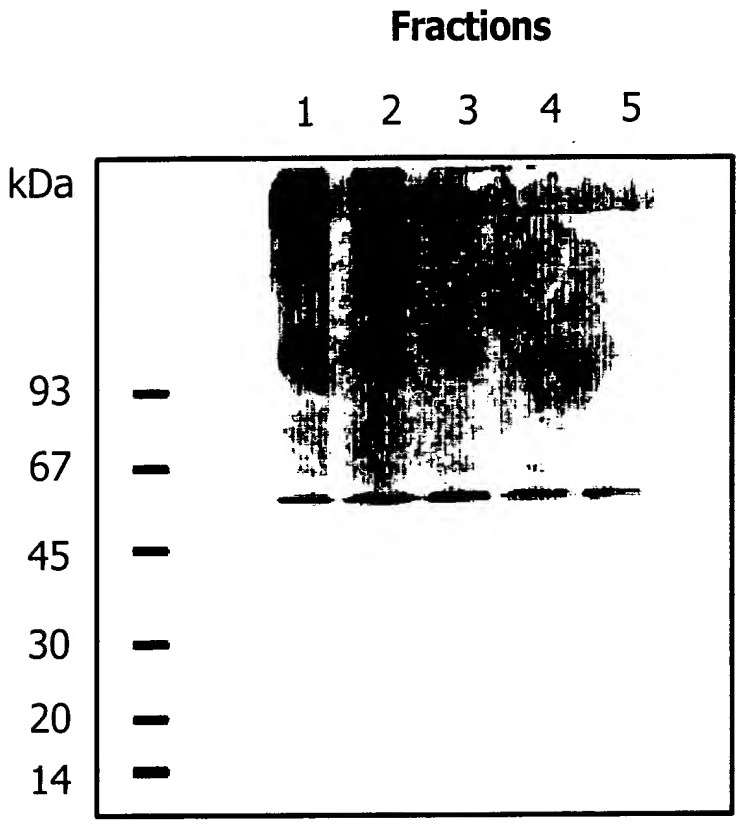

Biosensor Response
M2 Immobilized
Biosensor Response (RU)
2500
2000
1500
1000
500
0
COSmDAN
293T.hNR6

Fig. 8(a)

SDS PAGE/Silver Staining Analysis of M2 Eluted Fractions

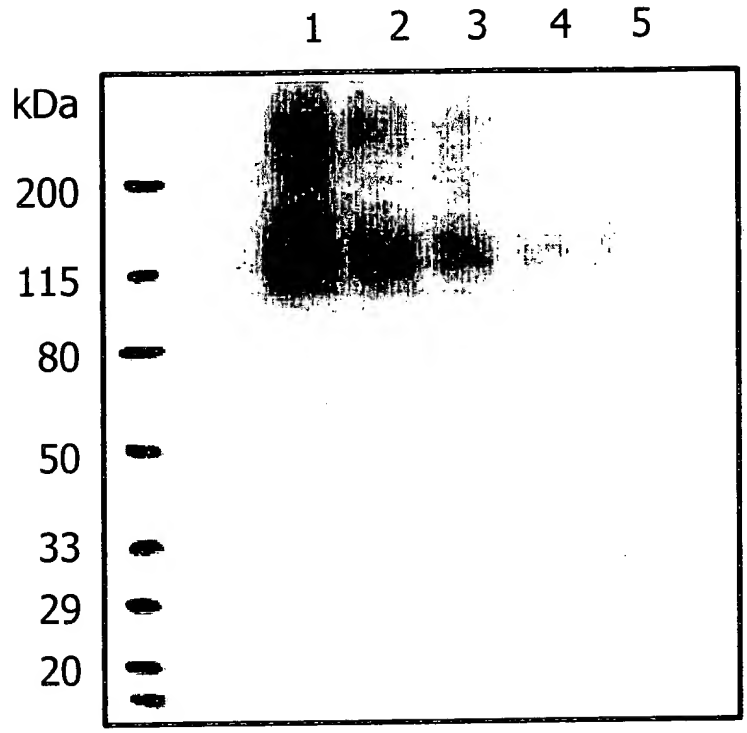


SDS PAGE Conditions:

Gel:	Novex gel 8-16%
Sample buffer:	Non reducing
Silver staining:	Automated silverstain Modified for automation

Fig. 8(b)

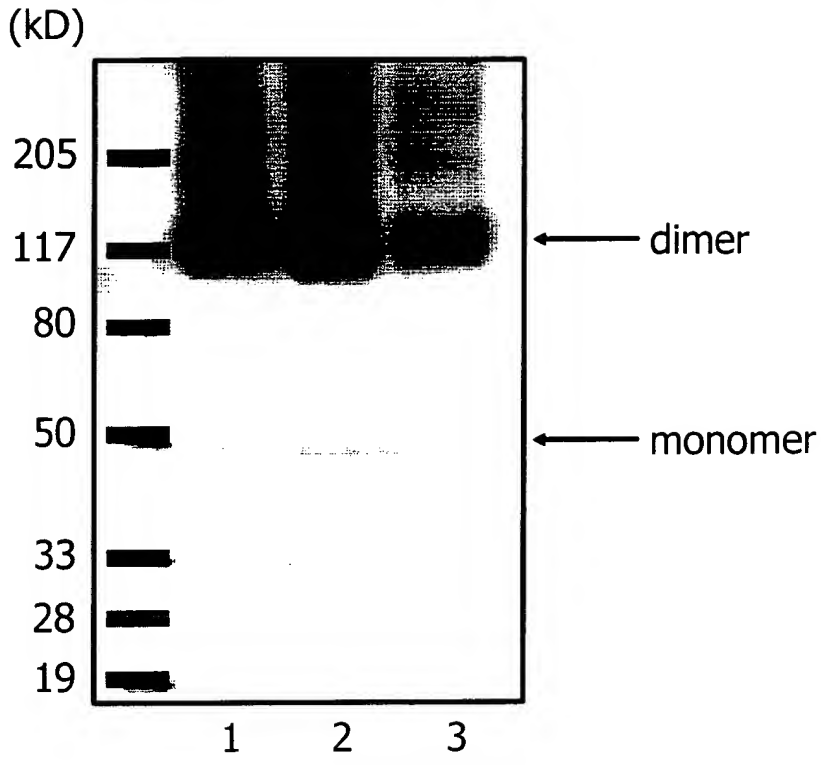
Western Blot Analysis of M2 Eluted Fractions



WESTERN Conditions:

Gel:	Novex gel 8-16%
Sample buffer:	Non reducing
Transfer:	25mM Glycine, 192mM Glycine, 20% MeOH
Transfer conditions:	100V, 1 Hour
Blocking buffer:	1% non fat skim, in TBS Overnight agitation, cold room
1' Ab:	1:500 in TBS 1hr, RT
Wash:	6x5min
2' Ab:	Streptavidin Peroxidase 1:5000 in TBS 1hr, RT

Fig. 8(c)



	Biosensor Response
Lane 1: CHO C' FLAG human NR6 clone #30	1577 Units
Lane 2: CHO N' FLAG human NR6 clone #23	2141 Units
Lane 3: 293T C' FLAG human NR6 clone #38	Not Determined

Fig. 9